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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/901,974	07/09/2001	Shell Sterling Simpson	10007647-1	7274

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
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EXAMINER

SINGH, SATWANT K

ART UNIT PAPER NUMBER

2626

DATE MAILED: 02/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/901,974	SIMPSON ET AL.	
	Examiner	Art Unit	
	Satwant K. Singh	2626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 December 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3, 5-9, 11-15, 17-21 and 23-38 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-9, 11-15, 17-21 and 23-38 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. This is in response to the amendment filed on 01 December 2005.

Response to Arguments

2. Applicant's arguments with respect to claim 1 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-3, 5-9, 11-15, 17-21, and 23-38 are rejected under 35 U.S.C. 102(e) as being anticipated by Ferlitsch (US 2002/0138558).
5. Regarding Claim 1, Ferlitsch discloses a method for providing queue management and production device status in a distributed environment, comprising: placing production data received from a client in a queue (Fig. 2, printing queues 45, 55), the production data including production options (user enters data and/or instructions) (page 3, paragraph [0036]) for a target document identified by the client (user initiates a print job) (page 4, paragraph [0045]); generating a queue interface having user accessible controls for managing production data held in a queue (input

interfaces 20) , the production data to be delivered to one of a plurality of a production devices (managing and processing print jobs in a networked environment ... one or more printing devices illustrated as printers 60 and 62) (page 4, paragraph [0040]); presenting the queue interface to a client; generating a status interface for a chosen production device selected through the interface; and presenting the status interface to the client (management of print jobs) (page 2, paragraph [0027]).

6. Regarding Claim 2, Ferlitsch discloses a method, further comprising managing the production data in the queue in accordance with instructions entered through the queue interface (management of print jobs includes initiating a broadcast) (page 2, paragraph [0027]).

7. Regarding Claim 3, Ferlitsch discloses a method, wherein the acts of generating the queue and status interfaces comprise generating the queue and status interfaces each in the form of a web page (broadcast may follow one of a variety of formats) (page 4, paragraph [0046]).

8. Regarding Claim 5, Ferlitsch discloses a method, wherein the acts of generating and presenting the status interface for the production device comprise generating and presenting the status interface once the production data is delivered to the production device (once print job has been despoiled) (pages 6 and 7, paragraph [0065]).

9. Regarding Claim 6, Ferlitsch discloses a method, wherein the act of presenting the queue and status interfaces comprise generating and presenting a combined queue/status interface (content of broadcast may include a command field indicating a

desire to set/get status of print job, ... and an identification of one or more print jobs) (page 7, paragraph [0066]).

10. Regarding Claim 7, Ferlitsch discloses a method, wherein: the act of generating the queue interface comprises generating the queue interface in the form of a web page; the act of generating the status interface comprises generating the status interface in the form of a web page; and the act of generating the combined queue/status interface comprises generating the combined queue/status interface in the form of a framed web page (broadcast may follow one of a variety of formats) (page 4, paragraph [0046]).

11. Regarding Claim 8, Ferlitsch discloses a method for mediating access to production devices, comprising: acquiring an access request for a particular one of a plurality of production devices, the access request originating from a client (transmitting a broadcast) (pages 4 and 5, paragraph [0048]); presenting to a client a production interface for the particular production device (Fig. 2, printing queues 45, 55), the interface having user accessible controls for selecting production data identifying a target document (user initiates a print job) (page 4, paragraph [0045]) and one or more production options (user enters data and/or instructions) (page 3, paragraph [0036]); placing in a queue production data received from the client and selected through the production interface, the queue capable of containing production data directed to more than one of the plurality of production devices (managing and processing print jobs in a networked environment ... one or more printing devices illustrated as printers 60 and 62) (page 4, paragraph [0040]); generating a queue interface having user accessible

controls for managing production data in the queue; presenting the queue interface to a client; generating a status interface for a chosen production device selected through the queue interface; and presenting the status interface to the client (management of print jobs) (page 2, paragraph [0027]).

12. Claims 9 and 21 are rejected for the same reason as claim 3.
13. Claims 11, 17, 23, 31, and 36 are rejected for the same reason as claim 5.
14. Claims 12, 18, 24, 29, and 34 are rejected for the same reason as claim 6.
15. Claims 13, 19, 25, 30, 35, and 37 are rejected for the same reason as claim 7.
16. Claims 14 and 26 are rejected for the same reason as claim 1.
17. Claims 15, 27, and 38 are rejected for the same reason as claim 2.
18. Claims 20 and 32 are rejected for the same reason as claim 8.
19. Regarding Claim 28, Ferlitsch discloses a system, wherein the mediation service includes an interface generator operable to present to the client the status interface for the particular production device selected through the queue interface (broadcast to get the status of a network printing device) (page 7, paragraph 0069)).
20. Claim 33 is rejected for the same reason as claim 28.

Conclusion

21. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Suzuki et al. (US 6,606,163) disclose a job scheduling system for print processing.

Richter et al. (US 6,678,068) disclose a client print server link for an output peripheral device.

Salgado et al. (US 6,762,857) disclose prioritizing a printing system's basic processing resources.

Suzuki (US 6,917,450) discloses a communication terminal apparatus and a computer apparatus which enable systematic arrangement of information with respect to operations.

Ferlitsch (US 2002/0114004) discloses a system and method for managing and processing a print job using print job tickets.

Mathieson (US 2002/0143915) discloses a method and apparatus for managing job queues.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Satwant K. Singh whose telephone number is (571) 272-7468. The examiner can normally be reached on Monday thru Friday 8am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly A. Williams can be reached on (571) 272-7471. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2625

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



sks

Satwant K. Singh
Examiner
Art Unit 2625



KIMBERLY WILLIAMS
SUPERVISORY PATENT EXAMINER